

PARTS PRICE LIST

50-55 HP

HARRIS GASOLINE ENGINES

EFFECTIVE MAY 1, 1921

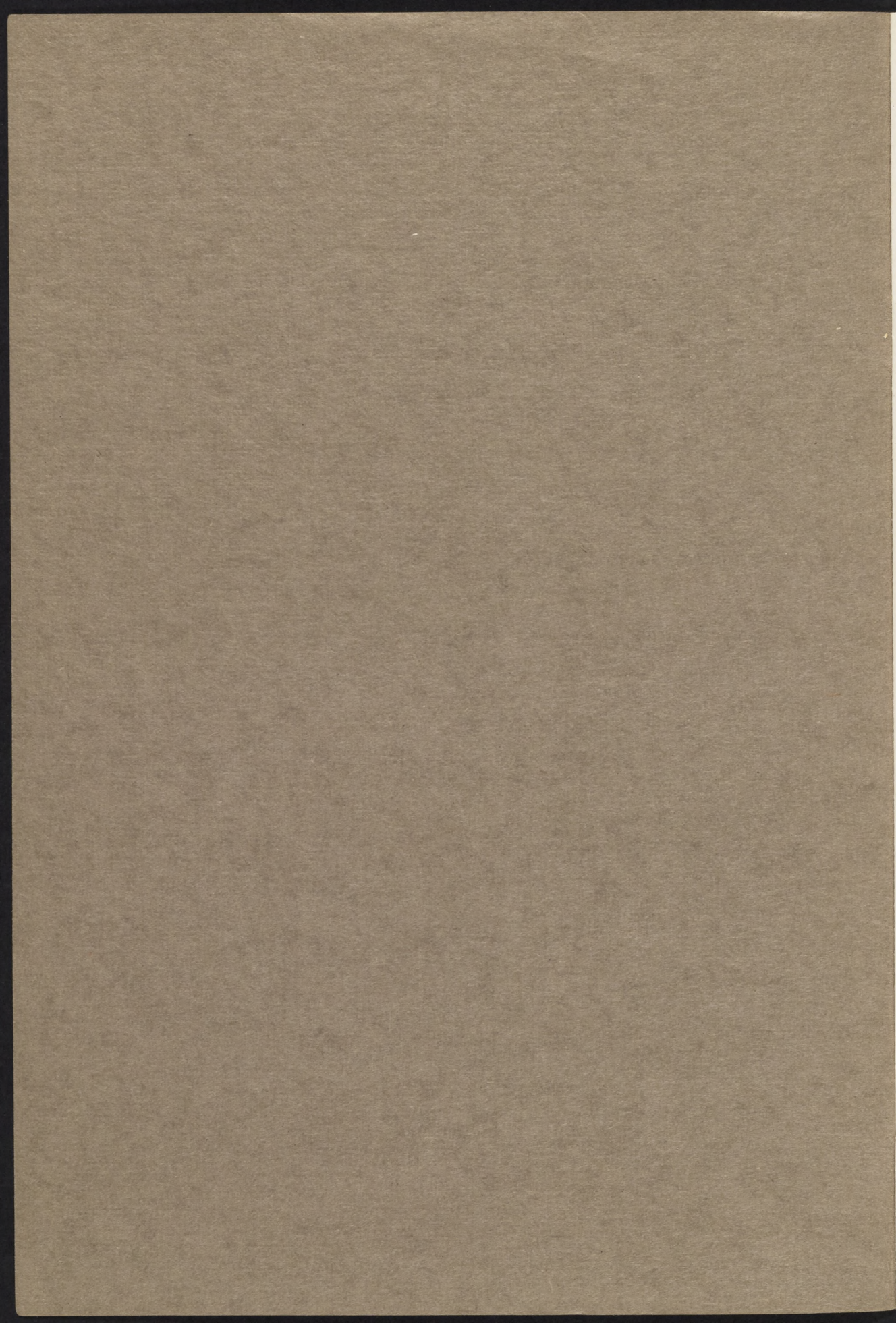
(SUBJECT TO CHANGE WITHOUT NOTICE)



THE HARRIS MANUFACTURING COMPANY

EXECUTIVE OFFICE AND FACTORY
STOCKTON, CALIFORNIA

BRANCH OFFICE AND FACTORY
WALLA WALLA, WASHINGTON



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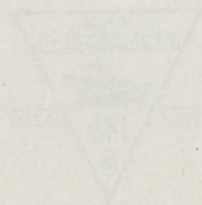
HARRIS GASOLINE ENGINES

Engine No. 1001

Engine No. 1002

Engine No. 1003

Engine No. 1004



THE HARRIS MANUFACTURING COMPANY

1001
1002
1003
1004

1001
1002
1003
1004

INSTRUCTIONS FOR ORDERING EXTRAS

Place your orders as far in advance of harvest as possible.

Place all orders with our authorized dealer in your territory.

Order all parts by LETTER, if possible.

If need for parts is urgent, order by TELEGRAPH. Telephone orders are taken at purchaser's risk as to delays and all transportation charges.

Give number and full description of parts, as well as size of machine for which wanted. Only our castings and motor parts are numbered. Therefore, give measurements as well as full description when ordering parts for Drapers, Straw Carriers, Grain Carriers, Jackson Feeders, Separator Shoes, Screens, Shafting, etc.

Give your postoffice address, shipping point, county and state. Indicate whether shipment is wanted by express, freight or parcel post.

Consider the time of less-than-carload freight shipments before ordering parts by freight.

Express and freight shipments will be made charges collect unless there is no freight or express agent at your shipping point, in which case charges will be prepaid and added to charge for parts.

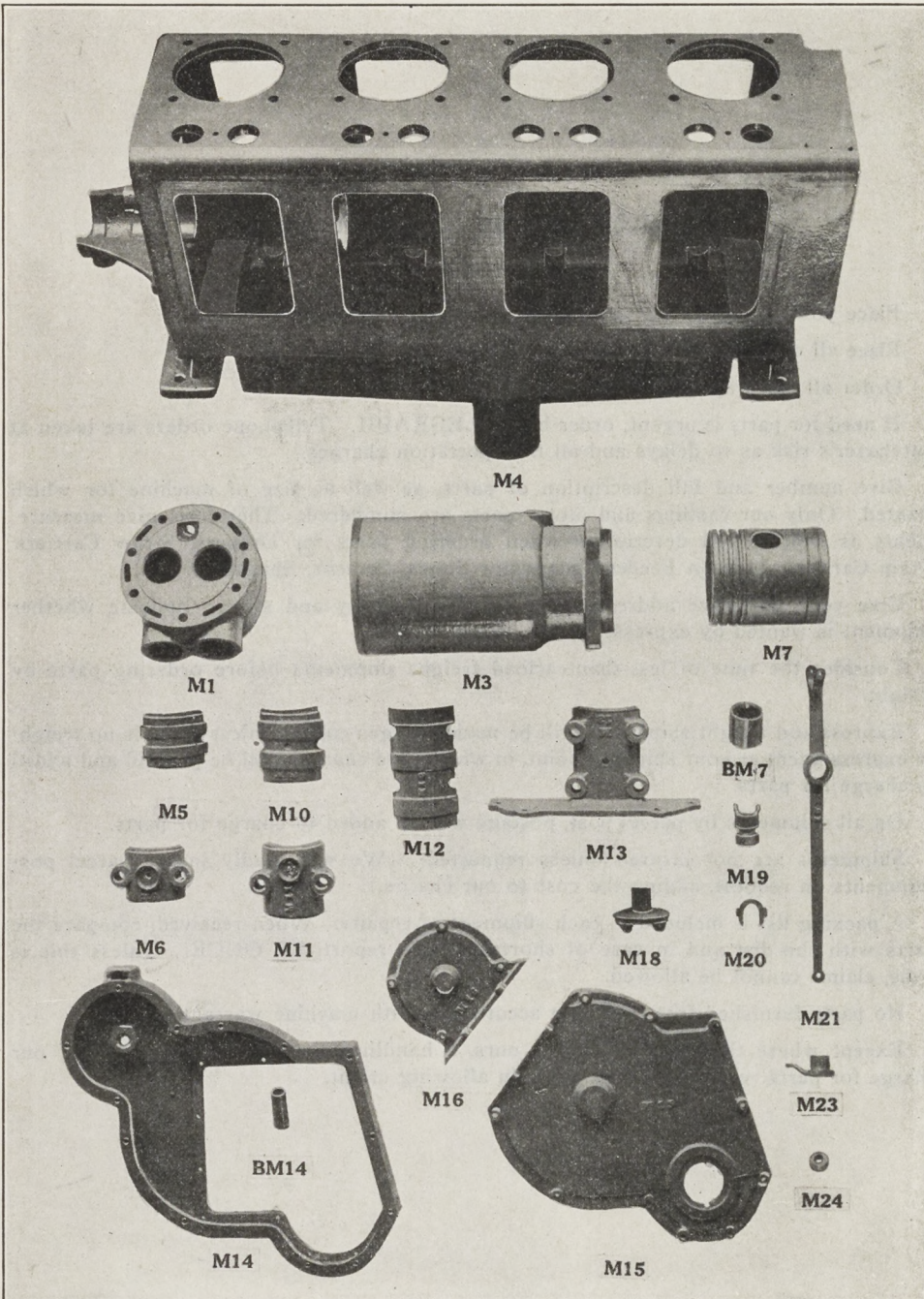
On all shipments by parcel post, postage will be added to charge for parts.

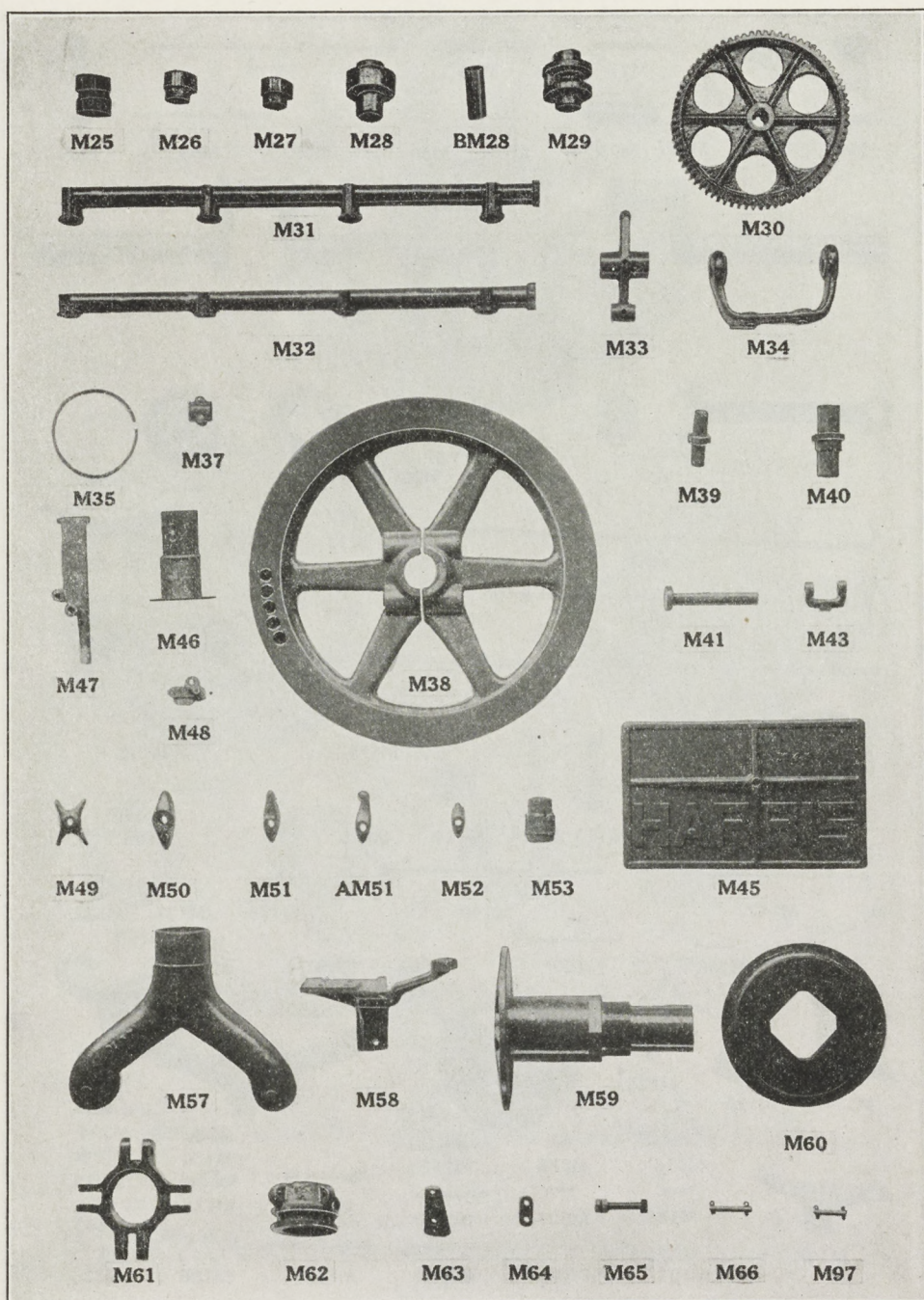
Shipments are not insured unless requested. (We will gladly insure parcel post shipments on request, adding the cost to our charge.)

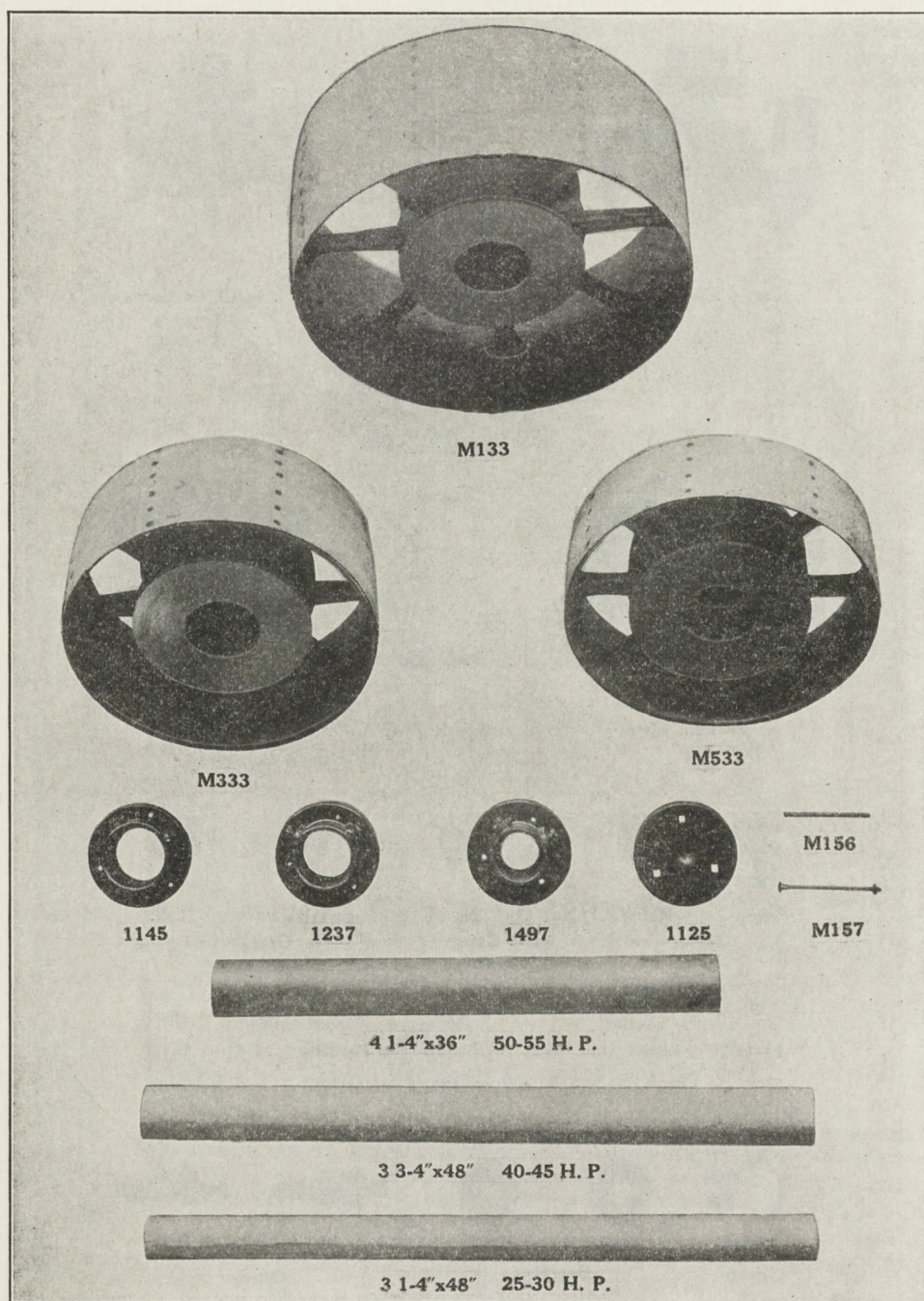
A packing list is included in each shipment of repairs. When received, compare the parts with this list and in case of shortage make report AT ONCE. Unless this is done, claims cannot be allowed.

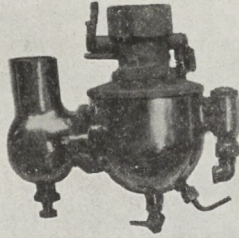
No parts furnished free except in accordance with machine warranty.

Except where the responsibility is ours, a handling charge of 10 per cent of our charge for parts returned will be made in allowing credit.

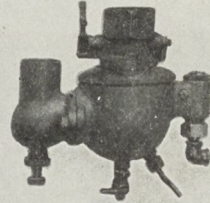




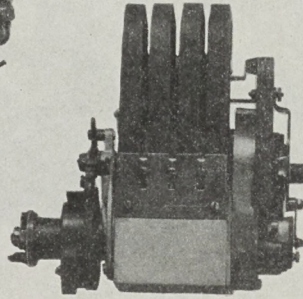




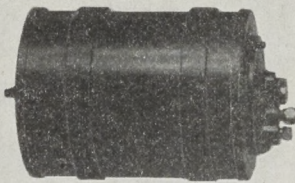
Large Carburetor.



Small Carburetor



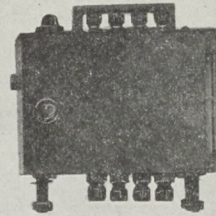
Magneto



Vacuum Can



Spark Plug



Mech. Oiler



Prime



Relief



No. O



No. C



1-8"



1-4"

Grease Cup



11-16"



5-8"



1-2"

Oil
DipperThrottle
Clamp

1-4"



5-16"

Ball Joint

Hose
Clamp

Ball



Roller

Bearings



Sight

Overthrow
Oilers

PARTS LIST

HARRIS 50-55 H. P. TYPE "A-B" MOTOR

Part No.	Description	Price
M— 1	Cylinder Head.....	25 50
M— 3	Cylinder	57 00
M— 4	Crankcase	250 00
M— 5	Crankshaft Bearing (Inside).....	4 35
M— 6	Crankshaft Bearing Cap (Inside).....	4 65
M— 7	Piston	23 50
BM— 7	Piston Bushings, per pair.....	6 50
M— 10	Crankshaft Bearing (Gear End).....	4 75
M— 11	Crankshaft Bearing Cap (Gear End).....	5 40
M— 12	Crankshaft Bearing (Clutch End).....	7 25
M— 13	Crankshaft Bearing Cap (Clutch End).....	11 85
M— 14	Gear Case, with Bushing.....	24 25
BM— 14	Gear Case Bushing.....	1 30
M— 15	Gear Case Cover.....	13 65
M— 16	Magneto Gear Cover.....	2 95
M— 18	Governor Head.....	3 50
M— 19	Governor Slide.....	1 95
M— 20	Governor Shifting Yoke.....	95
M— 21	Governor Arm.....	2 35
M— 23	Governor Lever Eccentric.....	1 25
M— 24	Governor Spring Adjusting Nut.....	35
M— 25	Pump Eccentric and Exhaust Cam.....	2 40
M— 26	Exhaust Cam.....	2 00
M— 27	Inlet Cam.....	2 00
M— 28	Camshaft Bearing (Center).....	6 00
BM— 28	Camshaft Bushing.....	3 25
M— 29	Camshaft Bearing (Gear End).....	6 00
M— 30	Camshaft Gear.....	23 10
M— 31	Water Manifold (Outlet).....	8 30
M— 32	Water Manifold (Inlet).....	7 90
M— 33	Rocker Arm.....	2 15
M— 34	Rocker Arm Bracket.....	4 25
M— 35	Piston Ring.....	1 25
M— 38	Flywheel.....	95 00
M— 39	Valve Guide.....	75
M— 40	Tappet Guide.....	1 95
M— 41	Tappet	2 00
M— 43	Push Rod End.....	80
M— 45	Crankcase Door.....	7 45
M— 46	Pump Body.....	8 50
M— 47	Oil Distributor.....	10 90
M— 48	Oil Distributor Cap.....	2 45
M— 49	Tappet Guide Clamp.....	25
M— 50	Manifold Clamp.....	55
M— 51	Center Clamp for Door.....	25
AM— 51	Center Clamp for Door.....	35
M— 52	End Clamp for Door.....	25
M— 53	Camshaft Bearing (Clutch End).....	5 30
M— 57	Exhaust Manifold.....	15 60
M— 58	Bracket for KW-Model HK or RK Magneto.....	7 80
M— 59	Friction Quill.....	24 00
M— 60	Friction Plate.....	9 75
M— 61	Friction Spreader Collar.....	8 25
M— 62	Friction Cone.....	7 75
M— 63	Friction Dogs.....	90
M— 64	Friction Links— $\frac{3}{8}$ "x1"x2 $\frac{3}{8}$ ".....	10
M— 65	Bolt for M-61 Collar, with Nut.....	25
M— 66	Pins for Collar M-61 (Short).....	25
M— 67	Magneto Shaft Coupling Flange.....	1 25
M— 68	Connecting Rod Bolt (Lower End), with Nuts.....	1 10
M— 69	Friction Cone Collar (2 Pieces).....	7 75
M— 70	Bolts for M-69 Cone Collar.....	15
M— 71	Clutch Spring.....	75
M— 72	Pin for Collar M-61 (Long).....	15
M— 73	Piston Pin.....	4 00

Part No.	Description	Price
M—75	Shaft for Rocker Arms.....	65
M—76	Pin for Push Rod End.....	20
M—77	Push Rod.....	65
M—78	Dust Cap.....	65
M—80	Valve Spring Washer.....	50
M—81	Valve Spring Washer Stirrup.....	40
M—82	Governor Spring.....	40
M—83	Oil Pump Rod.....	1 50
M—84	Piston for Oil Pump.....	1 00
M—85	Magneto Shaft.....	1 50
M—87	Crankshaft.....	200 00
M—88	Connecting Rod and Cap.....	14 50
	Connecting Rod M-88, complete with bearings, bolts, etc.	22 30
M—89	Cap Screw for Connecting Rod—Upper End.....	75
M—90	Valve.....	4 25
M—91	Crankshaft Gear.....	13 55
M—92	Magneto Shaft Gear.....	8 65
M—93	Stud for Governor Eccentric.....	50
M—94	Lever for Relief Cocks.....	85
M—95	Lever for Priming Cups.....	75
M—96	Collar for Magneto Shaft.....	95
M—97	Pins for Cone Collar.....	20
M—98	Washer for Governor Eccentric.....	25
M—99	Spring for Oil Pump.....	35
M—101	Camshaft (shaft only).....	5 65
M—102	Splash Pan.....	1 00
M—103	Pulley on Oiler.....	2 75
M—104	Pulley on Camshaft (oiler drive).....	2 65
M—105	Speeder Rod.....	40
M—106	Throttle Rod.....	40
M—108	Gasket—Cylinder Head.....	1 25
M—109	Gasket—Manifold.....	35
M—112	Gasket—Water Manifold.....	15
M—113	Spring—Exhaust Valve.....	75
M—114	Spring—Inlet Valve.....	70
M—115	Connecting Rod Bearings, per pair.....	4 65
M—116	Clamp for Fibre Tube.....	20
M—118	Magneto Coupling—Center Piece.....	1 25
M—120	Governor Link— $\frac{5}{8}$ "x3 $\frac{1}{8}$ ".....	25
M—121	Governor Ball Pin— $\frac{5}{8}$ "x1 $\frac{1}{8}$ ".....	25
M—122	Flange for Water Manifold.....	1 10
M—123	Gasket for Water Manifold.....	10
M—124	Bracket for Oiler.....	3 80
M—125	Governor Housing.....	3 95
M—126	Governor Ball.....	90
M—132	Pump Pulley.....	11 75
M—133	Friction Pulley—25" Diameter, 10 $\frac{1}{2}$ " Face.....	75 00
BM—133	Bushing for Friction Pulley (Bronze).....	20 00
M—134	Shim—Center Bearing and Connecting Rod, per doz.	60
M—135	Shim—Gear End Main Bearing, per doz.	50
M—136	Shim—Clutch End Main Bearing, per doz.	50
M—137	Pull Wire for Magneto Advance Lever M-336.....	40
M—141	Intake Manifold.....	13 75
M—142	Bracket for Bosch ZR-4 Magneto.....	7 25
M—144	Manifold Adapter for 1 $\frac{3}{4}$ " Ensign Carburetor.....	2 00
M—147	Oil Pipe, $\frac{1}{4}$ "x16", with Pipe Cap.....	55
M—148	Oil Pipe, $\frac{1}{4}$ "x4", with Cap.....	35
M—149	Oil Pipe, $\frac{1}{4}$ "x19", with Cap.....	60
M—150	Oil Pipe, $\frac{1}{4}$ "x8", with Cap.....	40
M—151	Stud for Inlet Water Manifold, $\frac{3}{8}$ "x2 $\frac{1}{2}$ ".....	15
M—152	Stud for Cylinder (Short), $\frac{5}{8}$ "x6 $\frac{1}{2}$ ".....	35
M—153	Stud for Cylinder (Long), $\frac{5}{8}$ "x7 $\frac{1}{4}$ ".....	40
M—154	Stud for Inside Main Bearings.....	35
M—155	Stud for Quill.....	75
M—156	Spacer for Spark Arrester, $\frac{3}{8}$ "x6".....	10
M—157	Bolt and Nut for Spark Arrester, $\frac{1}{2}$ "x7".....	10
M—237	Cap for Magneto Bracket.....	40
M—334	Quadrant for Control Lever.....	75
M—335	Lever for M-334 Quadrant.....	70

Part No.	Description	Price
M-336	Lever for Magneto Advance.....	65
M-343	Handle for M-335 Lever.....	65
M-347	Stud—Manifold, $\frac{5}{8}$ "x $6\frac{3}{4}$ ".....	35
M-516	Stud—Fibre Tube Clamp, $\frac{1}{4}$ "x $1\frac{1}{2}$ ".....	08
M-521	Stud—Outlet Water Manifold, $\frac{3}{8}$ "x $3\frac{1}{4}$ ".....	15
M-526	Stud—Door (Center).....	15
M-527	Stud—Door (Corner).....	15
M-528	Stud—Door (Bottom Center).....	15

MISCELLANEOUS PARTS

50-55 H. P. HARRIS MOTOR

Description	Price
Ball and Socket Joint ($\frac{1}{4}$ "x $\frac{1}{4}$ ").....	20
Ball and Socket Joint ($\frac{1}{4}$ "x $\frac{1}{8}$ ").....	20
Brass Nipples— $\frac{1}{8}$ ".....	15
Brass Elbows— $\frac{1}{8}$ ".....	20
Carburetors.....	(Write for Prices)
Clarifiers, each.....	19 00
Cloths—Clarifier, each.....	1 00
Clutch Lever.....	7 70
Copper Tubing.....	(Write for Prices)
Exhaust Pipes, each.....	4 75
Felt— $\frac{1}{4}$ ", per pound.....	4 45
Fibre Tubing— $\frac{7}{8}$ ", per foot.....	50
Magnetos—KW Model RK.....	(Write for Prices)
Oilers—Manzel Force Feed, 4-feed.....	30 00
Oilers—"Gits," $\frac{1}{8}$ " Shank.....	20
Oiler Drive Belt.....	85
Priming Cups—Fig. 368.....	2 75
Relief Cocks.....	2 50
Sight-Feed Oil Cups—Fig. 33.....	3 00
Sight Feed for Overflow (Fig. 738-A).....	4 25 2.60
Spark Plugs—Splitdorf Heavy Duty, each.....	1 25
Spark Arresters, Comp. (No. 1124 bottom).....	7 50
Spark Plug Wrench.....	1 00
Starting Bar.....	1 00
Steel Balls— $\frac{1}{16}$ ".....	15
Stoves—Hot-air for Carburetors.....	12 75
Taper Pins—No. 4, 2".....	06
Taper Pins—No. 5, $1\frac{1}{2}$ ".....	06
Taper Pins—No. 2, $1\frac{1}{2}$ ".....	05
Taper Pins—No. 1, 1".....	03
Vacuum Tanks—Stewart.....	12 50
Wire—Magneto, per foot.....	15
Wire Terminals, each.....	05
Woodruff Key No. 5.....	05

